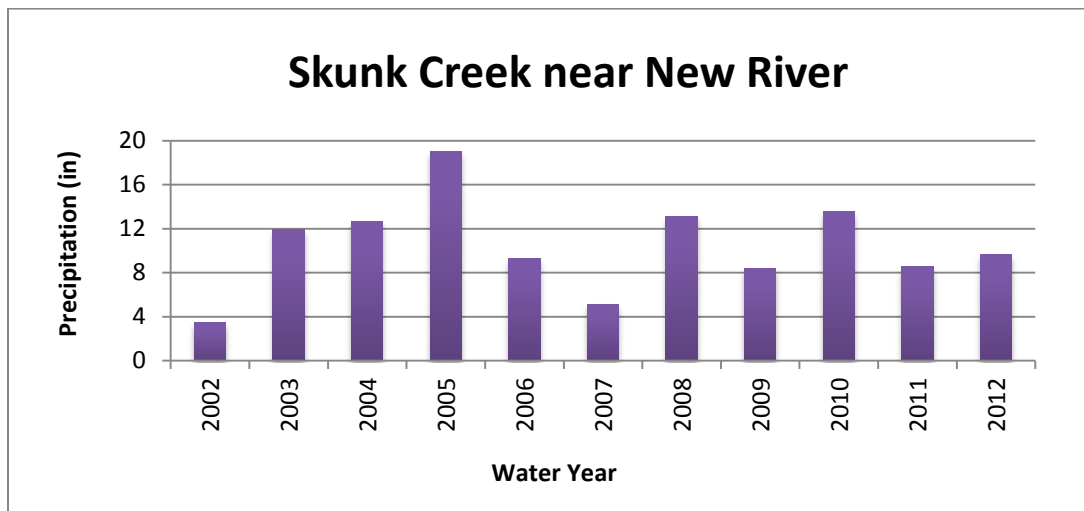




Station Name: Skunk Creek near New River

Station ID Number History:	5585 since installation
Station Type:	Rain / Stream
Data Begins:	06/28/2001
Years of Record:	11.26 (as of 10/01/12)
Data Repeater:	White Tank Peak
County:	Maricopa
Latitude:	33° 55' 34.1" (33.9261)
Longitude:	112° 04' 57.6" (112.0827)
Elevation:	2,185 ft. msl
Location:	Skunk Creek At Fig Springs Rd., 3.5 miles east of New River
Data Record:	
Partial Months (>10 days missing):	None
Missing Months:	None
Remarks:	Records Good



Data Statistics for Period of Record:

Number of storms greater than 1 inch in 24 hours:	32	
Number of storms greater than 2 inches in 24 hours:	5	
Number of storms greater than 3 inches in 24 hours:	2	
		Approx. T_r
Greatest 15 minute total:	1.14" on 08/23/12	22 years
Greatest 1 hour total:	1.50" on 08/23/12	8 years
Greatest 3 hour total:	1.61" on 01/21/10	6 years
Greatest 6 hour total:	2.17" on 01/21/10	12 years
Greatest 24 hour total:	4.45" on 01/21/10	63 years
Greatest 72 hour total:	5.79" on 01/21/10	73 years

Water Year Totals (Mean of Complete Water Years [11] = 10.42 inches):

Water Year	Total	Water Year	Total
2020		2010	13.58
2019		2009	8.35
2018		2008	13.07
2017		2007	5.12
2016		2006	9.29
2015		2005	19.02
2014		2004	12.60
2013		2003	11.93
2012	9.61	2002	3.46
2011	8.54	2001	M

M: One or more months contain partial or missing data

Design Rainfall for this Geographic Location:

Click this [link](#) for Point Precipitation Frequency Estimates (Annual Maximum Series) in Tabular and Graphical Formats from NOAA Atlas 14, Volume I, Version 5

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Skunk Cr. near New River (gage # 5585) for Water Year 2012

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2			.04									
3			.04									
4	.08	.16										
5		.24										
6			.08									
7		.20										
8		.04										
9												
10						----						1.18
11						----						.16
12			.51									
13		.35	.55									
14			.12									
15												
16											.71	
17											.08	
18			.12			.83						
19												
20											.04	
21		.16								.71	.31	
22											.16	
23											1.54	
24										.16		
25												
26							.16					
27												
28												
29										.20		
30					----							
31		----			----		----		----	.71		----
SUM	0.08	1.14	1.46	0.00	0.00	0.83	0.16	0.00	0.00	1.77	2.84	1.34
ACC	0.08	1.26	2.68	2.68	2.68	3.50	3.66	3.66	3.66	5.43	8.27	9.61
MAX	0.08	0.35	0.55	0.00	0.00	0.83	0.16	0.00	0.00	0.71	1.54	1.18
NO.	1	6	7	0	0	1	1	0	0	4	6	2
Maximum Daily Rainfall												1.54
Maximum Monthly Rainfall												2.84
Total Annual Rainfall												9.61
Number of Days with Rain												28

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Skunk Cr. near New River (gage # 5585) for Water Year 2011

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1											.04	
2												
3											.47	
4	.04									.04		
5	.98									.08		
6	.04											
7												
8												
9							.51					.20
10							.04					
11								----		.28		
12								----				
13								----				.04
14								----			.04	
15								----				
16			.16									
17			.04									
18								.12				
19					.43			----				
20	.04				.31			----				
21	.39	.16	.12			.35		----				
22			.63			.04						
23			.08									
24												
25										.04		
26					.04							
27					.39							
28												
29			1.42		----							
30			.59		----					.35		
31		----			----		----		----	.04		----
SUM	1.50	0.16	3.03	0.00	1.18	0.39	0.55	0.12	0.00	0.83	0.55	0.24
ACC	1.50	1.65	4.69	4.69	5.87	6.26	6.81	6.93	6.93	7.76	8.31	8.54
MAX	0.98	0.16	1.42	0.00	0.43	0.35	0.51	0.12	0.00	0.35	0.47	0.20
NO.	5	1	7	0	4	2	2	1	0	6	3	2
							Maximum Daily Rainfall					1.42
							Maximum Monthly Rainfall					3.03
							Total Annual Rainfall					8.54
							Number of Days with Rain					33

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Skunk Cr. near New River (gage # 5585) for Water Year 2010

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1													
2													
3													
4													
5													
6					.12	.12							
7			1.93		.39	1.22							
8						.08							
9						.08				.04			
10					.04								
11					.04								
12													
13			.04										
14													
15													
16													
17													
18				.08									
19				1.06									
20				.08	.31								
21				4.45	.51						.47		
22				.67	.31						.16		
23				.23						.20			
24				.04							.20		
25													
26													
27													
28					.63								
29		.08			----								
30					----								
31		----			----		----		----			----	
SUM	0.00	0.08	1.97	6.61	2.36	1.50	0.00	0.00	0.00	0.24	0.83	0.00	
ACC	0.00	0.08	2.05	8.66	11.02	12.52	12.52	12.52	12.52	12.76	13.58	13.58	
MAX	0.00	0.08	1.93	4.45	0.63	1.22	0.00	0.00	0.00	0.20	0.47	0.00	
NO.	0	1	2	7	8	4	0	0	0	2	3	0	
Maximum Daily Rainfall													4.45
Maximum Monthly Rainfall													6.61
Total Annual Rainfall													13.58
Number of Days with Rain													27

Notes:

Annual rainfall in millimeters: 345

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Skunk Cr. near New R. (gage # 5585) for Water Year 2009

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												.04
2												
3										.04		
4				.20								
5												
6				----								
7					.16							
8					.59							
9					.91							
10												
11							.87					.04
12							.04					
13											.16	
14												
15												
16			1.26									
17			.63		.16							
18			.31									
19										.24		
20												
21								.35				
22			.12	.12				.39				
23												
24			.08							.12		
25			.63									
26		.28	.16									
27		.24										
28												
29					----							
30					----							
31		----			----		----		----		.24	----
SUM	0.00	0.51	3.19	0.31	1.81	0.00	0.91	0.75	0.00	0.39	0.39	0.08
ACC	0.00	0.51	3.70	4.02	5.83	5.83	6.73	7.48	7.48	7.87	8.27	8.35
MAX	0.00	0.28	1.26	0.12	0.91	0.00	0.87	0.39	0.00	0.24	0.24	0.04
NO.	0	2	7	2	4	0	2	2	0	3	2	2
Maximum Daily Rainfall												1.26
Maximum Monthly Rainfall												3.19
Total Annual Rainfall												8.35
Number of Days with Rain												26

Notes:

Annual rainfall in millimeters: 212

Total down-time: 2.12 days

Gage 5585 down from 1/05 06:17 (97) through 1/07 09:08 (99) due to transmitter failure; assigned 2mm to 1/04.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Skunk Cr. near New River (gage # 5585) for Water Year 2008

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			2.05									
2												
3												
4					.28					.08		
5				.04							.28	
6				.08								
7			.83	.75							.24	
8			.08								.04	.12
9					----							.47
10					----					.20		.12
11			.08							.08		
12												
13										.04		
14										.04		
15					.12							
16												
17												
18												
19												
20					.04					.04		
21					.04							
22					.04							
23					.04			.51				
24				.39	.04			----				
25				.04				----			1.02	
26											.04	
27				2.68								
28				.04								
29												
30		1.81			----							
31		----			----		----		----		.31	----
SUM	0.00	1.81	3.03	4.02	0.59	0.00	0.00	0.51	0.00	0.47	1.93	0.71
ACC	0.00	1.81	4.84	8.86	9.45	9.45	9.45	9.96	9.96	10.43	12.36	13.07
MAX	0.00	1.81	2.05	2.68	0.28	0.00	0.00	0.51	0.00	0.20	1.02	0.47
NO.	0	1	4	7	7	0	0	1	0	6	6	3

Maximum Daily Rainfall 2.68

Maximum Monthly Rainfall 4.02

Estimated Annual Rainfall 13.07

Number of Days with Rain 35

Notes:

Annual rainfall in millimeters: 332

Total down-time: 6.50 days

Gage 5585 down from 2/08 19:16 (232) through 2/11 01:16 (232) due to data collision; no rain fell.

Gage 5585 down from 5/23 02:10 (240) through 5/27 08:10 (?) for unknown reason; rain depth & distribution (13 mm) **estimated** from radar and nearby gages.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Skunk Cr. near New River (gage # 5585) for Water Year 2007

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												.28
2												
3												
4												
5											.04	
6	.08											.08
7												
8	.12											
9	.04											
10												
11					.08				----			
12									----			
13							.08					
14	.24											
15												
16										.04		
17			.04									
18												
19				.51	.59							
20				.08								
21				.16								
22			.04			.71						.39
23										.16		
24	.12					.04						
25										.16		
26												
27												
28			.20							.28		
29			.04		----							
30					----							
31		----		.28	----		----		----	.28		----
SUM	0.59	0.00	0.31	1.02	0.67	0.75	0.08	0.00	0.00	0.91	0.04	0.75
ACC	0.59	0.59	0.91	1.93	2.60	3.35	3.43	3.43	3.43	4.33	4.37	5.12
MAX	0.24	0.00	0.20	0.51	0.59	0.71	0.08	0.00	0.00	0.28	0.04	0.39
NO.	5	0	4	4	2	2	1	0	0	5	1	3
Maximum Daily Rainfall												0.71
Maximum Monthly Rainfall												1.02
Total Annual Rainfall												5.12
Number of Days with Rain												27

Notes:

Annual rainfall in millimeters: 130

Total down-time: 2.44 days

Gage 5585 down from 6/10 21:16 (87) through 6/13 07:44 (87) due to data collision; no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Skunk Cr. near New River (gage # 5585) for Water Year 2006

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3										.04		.35
4												
5							.04					
6												
7												.91
8												
9												1.30
10												
11		.35				1.38						
12											.16	
13											.31	
14											.04	.47
15												
16								.16				
17												
18	.43											
19						.16						
20												
21						.20					.12	
22				----							.20	
23												
24											1.22	
25												
26												
27												
28												
29					----				.20	.12		
30					----					1.14		
31		----			----		----		----			----
SUM	0.43	0.35	0.00	0.00	0.00	1.73	0.04	0.16	0.20	1.30	2.05	3.03
ACC	0.43	0.79	0.79	0.79	0.79	2.52	2.56	2.72	2.91	4.21	6.26	9.29
MAX	0.43	0.35	0.00	0.00	0.00	1.38	0.04	0.16	0.20	1.14	1.22	1.30
NO.	1	1	0	0	0	3	1	1	1	3	6	4
							Maximum Daily Rainfall					1.38
							Maximum Monthly Rainfall					3.03
							Total Annual Rainfall					9.29
							Number of Days with Rain					21

Notes:

Annual rainfall in millimeters: 236
Gage 5585 down from 1/21 07:44 (20) through 1/23 10:44 (20) due to repeater failure; no rain fell.

Total down-time: 2.13 days

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Skunk Cr. near New River (gage # 5585) for Water Year 2005

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2											.12	
3				.98							.20	.31
4			.35	.87		.08						
5			.16			.24						
6			.71		.08	.12						
7		.55			.12						.28	
8		.28										
9											.35	
10					.16							
11				.28	1.61							
12					.43						.28	
13		-----										
14		-----										
15								-----				
16												
17					.39					.16		
18					.63							
19					.59	.16						
20					.12	.08				.31		
21	.51	.59			.35					.08		
22		.63			.20					.04		
23					.08		.39		.08	.24		
24					.35		.04					
25						.04						
26				.75	.39							
27				.63						.20		
28	.55		.28	.04								
29			1.06	.31	-----							
30					-----							
31		-----			-----		-----		-----	.20		-----
SUM	1.06	2.05	2.56	3.86	5.51	0.71	0.43	0.00	0.08	1.22	1.22	0.31
ACC	1.06	3.11	5.67	9.53	15.04	15.75	16.18	16.18	16.26	17.48	18.70	19.02
MAX	0.55	0.63	1.06	0.98	1.61	0.24	0.39	0.00	0.08	0.31	0.35	0.31
NO.	2	4	5	7	14	6	2	0	1	7	5	1
							Maximum Daily Rainfall					1.61
							Maximum Monthly Rainfall					5.51
							Total Annual Rainfall					19.02
							Number of Days with Rain					54

Notes:

Annual rainfall in millimeters: 483 Total down-time: 5.62 days
 Gage 5585 down from 11/12 02:56 (48) through 11/15 14:56 (48) due to programming error; no rain fell.
 Gage 5585 down from 5/14 07:50 (411) through 5/16 10:49 (411) due to repeater failure; no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Skunk Cr. near New River (gage # 5585) for Water Year 2004

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1		.04					.20					
2						.04	1.61					
3				.08	.08							
4					.04	.75						.08
5						1.14						
6												
7							.04					
8												
9												
10	1.46											
11		.04	.20								.28	
12		1.30	.16			.12						
13		.28				.39					.04	
14										.04		
15												
16											.04	
17												
18											.12	.20
19											.04	1.50
20												
21				.04								
22				.12	.04							
23					1.02							
24			.04		.04							
25										.04		
26			.24							.35		
27					.04					.35		
28												
29												
30					-----							
31		-----			-----		-----		-----			-----
SUM	1.46	1.65	0.63	0.24	1.26	2.44	1.85	0.00	0.00	0.79	0.51	1.77
ACC	1.46	3.11	3.74	3.98	5.24	7.68	9.53	9.53	9.53	10.31	10.83	12.60
MAX	1.46	1.30	0.24	0.12	1.02	1.14	1.61	0.00	0.00	0.35	0.28	1.50
NO.	1	4	4	3	6	5	3	0	0	4	5	3
Maximum Daily Rainfall												1.61
Maximum Monthly Rainfall												2.44
Total Annual Rainfall												12.60
Number of Days with Rain												38

Notes:

Annual rainfall in millimeters: 320

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Skunk Cr. near New River (gage # 5585) for Water Year 2003

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1						.20					.12	.08
2												
3												
4												
5						.20						
6												.43
7												
8				.39	.12							
9												.12
10		.04										
11												
12					.20							
13					2.48						.04	
14					.16						.63	
15							.16					
16						.75						
17			.16			.28						
18			.04									
19											.20	
20			.04									
21												
22			.04									
23			.31							.04		
24												
25					.98							
26	.31				.47						.94	
27	.16				.39						.20	
28					.08					.39	.12	
29		.35			-----							
30		.16			-----					.16		
31		-----			-----		-----		-----			-----
SUM	0.47	0.55	0.59	0.39	4.88	1.42	0.16	0.00	0.00	0.59	2.24	0.63
ACC	0.47	1.02	1.61	2.01	6.89	8.31	8.46	8.46	8.46	9.06	11.30	11.93
MAX	0.31	0.35	0.31	0.39	2.48	0.75	0.16	0.00	0.00	0.39	0.94	0.43
NO.	2	3	5	1	8	4	1	0	0	3	7	3
							Maximum Daily Rainfall					2.48
							Maximum Monthly Rainfall					4.88
							Total Annual Rainfall					11.93
							Number of Days with Rain					37

Notes:

Total annual rainfall in millimeters: 303

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System

Daily Rainfall at Skunk Cr. near New River (gage # 5585) for Water Year 2002

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1													
2													
3	.08							-----					
4			.79					-----					
5		.04						-----					
6							.04					.47	
7							.12					1.34	
8													
9										.12			
10										.04		.12	
11												.08	
12													
13	-----												
14	-----									.12			
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													
25		.04											
26													
27													
28									-----				
29					-----				-----				
30				.08	-----								
31		-----			-----		-----		-----			-----	
SUM	0.08	0.08	0.79	0.08	0.00	0.00	0.16	0.00	0.00	0.28	0.00	2.01	
ACC	0.08	0.16	0.94	1.02	1.02	1.02	1.18	1.18	1.18	1.46	1.46	3.46	
MAX	0.08	0.04	0.79	0.08	0.00	0.00	0.12	0.00	0.00	0.12	0.00	1.34	
NO.	1	2	1	1	0	0	2	0	0	3	0	4	
Maximum Daily Rainfall													1.34
Maximum Monthly Rainfall													2.01
Total Annual Rainfall													3.46
Number of Days with Rain													14

Notes:

Total annual rainfall in millimeters: 88
 Total down-time: 10.61 days
 Gage 5585 down from 10/12 22:02 (2) through 10/15 08:59 (2) due to battery failure; no rain fell.
 Gage 5585 down from 05/02 06:19 (30) through 05/06 09:52 (30) due to transmitter failure; no rain fell.
 Gage 5585 down from 06/27 00:41 (30) through 07/01 00:43 (30) due to transmitter failure; no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Skunk Cr. near New River (gage # 5585) for Water Year 2001

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	----	----	----	----	----	----	----	----	----			
2	----	----	----	----	----	----	----	----	----			
3	----	----	----	----	----	----	----	----	----			
4	----	----	----	----	----	----	----	----	----		.04	
5	----	----	----	----	----	----	----	----	----			
6	----	----	----	----	----	----	----	----	----			
7	----	----	----	----	----	----	----	----	----		.08	
8	----	----	----	----	----	----	----	----	----			
9	----	----	----	----	----	----	----	----	----	.04	.39	
10	----	----	----	----	----	----	----	----	----			
11	----	----	----	----	----	----	----	----	----		.35	
12	----	----	----	----	----	----	----	----	----			
13	----	----	----	----	----	----	----	----	----		.47	
14	----	----	----	----	----	----	----	----	----		1.22	
15	----	----	----	----	----	----	----	----	----			
16	----	----	----	----	----	----	----	----	----			
17	----	----	----	----	----	----	----	----	----			
18	----	----	----	----	----	----	----	----	----			
19	----	----	----	----	----	----	----	----	----			
20	----	----	----	----	----	----	----	----	----			
21	----	----	----	----	----	----	----	----	----			
22	----	----	----	----	----	----	----	----	----			
23	----	----	----	----	----	----	----	----	----			
24	----	----	----	----	----	----	----	----	----			
25	----	----	----	----	----	----	----	----	----	.16		
26	----	----	----	----	----	----	----	----	----			
27	----	----	----	----	----	----	----	----	----			
28	----	----	----	----	----	----	----	----	----			
29	----	----	----	----	----	----	----	----		1.02		
30	----	----	----	----	----	----	----	----		.43		
31	----	----	----	----	----	----	----	----	----			----
SUM	----	----	----	----	----	----	----	----	0.00	1.65	2.56	0.00
ACC	----	----	----	----	----	----	----	----	0.00	1.69	4.25	4.25
MAX	----	----	----	----	----	----	----	----	0.00	1.02	1.22	0.00
NO.	----	----	----	----	----	----	----	----	0	4	6	0
									Maximum Daily Rainfall		1.22	
									Maximum Monthly Rainfall		2.56	
									Partial Annual Rainfall		4.25	
									Number of Days with Rain		10	

Notes:

Partial annual rainfall in millimeters: 108
Station installed on 06/28/01.

Total down-time: 0.00 days